

| | | | | |
|---|--|--|--------------------|-----------------|
| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DKT. NO. | APPLICATION NO. |
| | | | 520.42437VX1 | 10/769,804 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | APPLICANT | |
| | | | K. Okamoto, et al. | |
| | | | FILING DATE | EXPECTED GROUP |
| | | | February 3, 2004 | 3679 |



U.S. PATENT DOCUMENTS

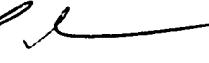
| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|------------------|-----------------|--------------|----------|----------------|----------|-------------|
| lno | AA | 2002/0027153 | 3/7/2002 | Sayama, et al. | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation/ Abstracts | |
|------------------|-----------------|-------------|------------|-------|----------|------------------------|----|
| | | | | | | Yes | No |
| lno | AE | 1 279 458 | 1/29/2003 | EP | | | |
| | AF | 2002-66758 | 3/5/2002 | Japan | | | X |
| | AG | 2001-47261 | 2/20/2001 | Japan | | | X |
| | AH | 36 26 009 | 2/12/1987 | DE | | | X |
| | AI | 11-285862 | 10/19/1999 | Japan | | | X |
| | AJ | WO 01/85384 | 11/15/2001 | PCT | | | |
| lno | AK | 1 201 347 | 5/2/2002 | EP | | | |
| | AL | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----|----|--|
| lno | AM | European Search Report mailed January 13, 2004 for EP No. 03 00 5452 |
| | AN | |
| | AO | |
| | AP | |
| | AQ | |
| | AR | |

Examiner Date Considered 

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC

| | | | |
|---|--|------------------|-----------------|
| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. | APPLICATION NO. |
| | | 520.42437VX1 | TBD |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT | |
| | | FILING DATE | EXPECTED GROUP |
| | | February 2, 2004 | 3679 |

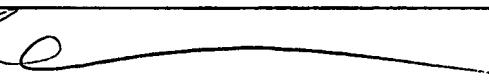
U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|------------------|-----------------|------|------|-------|----------|-------------|
| AA | | | | | | |
| AB | | | | | | |
| AC | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation/ Abstract | |
|------------------|-----------------|-----------|---------|-------|----------|-----------------------|----|
| | | | | | | Yes | No |
| AD | WO 93/10935 | 6/10/1993 | PCT | | | | |
| AE | | | | | | | |
| AF | | | | | | | |
| AG | | | | | | | |
| AH | | | | | | | |
| AI | | | | | | | |
| AJ | | | | | | | |
| AK | | | | | | | |
| AL | | | | | | | |
| AM | | | | | | | |
| AN | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|------------------------|
| AO | |
| Examiner  | Date Considered 8/2/05 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC